CLAIM AMENDMENTS

1. (Currently Amended) A liquid phase oxidation reactor comprising:

a substantially cylindrical reaction vessel having an interior space ~~of a predetermined volume~~;

a lid combined with and closing the reaction vessel ~~on top of the reaction vessel~~;

at least one ~~or more~~ stirring ~~blades~~ blade disposed within the reaction vessel and rotated by a driving source ~~disposed on the~~ outside of the reaction vessel;

a liquid phase supplying line ~~disposed at~~ penetrating a sidewall of the reaction vessel for supplying a liquid phase reactant to the reaction vessel;

a liquid phase discharging line ~~disposed at another~~ penetrating the sidewall of the reaction vessel for draining from the reaction vessel a product ~~obtained through~~ produced by a chemical reaction ~~out of~~ in the reaction vessel;

a gas feed nozzle ~~formed in a bent shape~~ penetrating the sidewall of the reaction vessel and including a bend within the reaction vessel for supplying an oxygen-containing gas to the reaction vessel; and

~~an~~ angle adjusting means ~~for~~ supporting the gas feed nozzle ~~so that~~ for turning the gas feed nozzle ~~is turned~~ so that an outlet ~~thereof faces one~~ of the gas feed nozzle may be selectively directed toward the stirring ~~blades~~ blade or ~~an interior~~ toward the sidewall of the reaction vessel.

2. (Currently Amended) The liquid phase oxidation reactor of claim 1, wherein the angle adjusting means comprises a ~~first~~ bearing fixed ~~into~~ in a through hole in the sidewall of the reaction vessel ~~for~~ and supporting the gas feed nozzle so that the gas feed nozzle can be turned.

3. (Currently Amended) The liquid phase oxidation reactor of claim 1, wherein the angle adjusting means further comprises a control lever fixed to the gas feed nozzle and disposed ~~on the~~ outside of the reaction vessel for manual manipulation.

4. (Currently Amended) The liquid phase oxidation reactor of claim 3, wherein the angle adjusting means further comprises a ~~second~~ bearing disposed between the gas feed nozzle and a gas supplying line for supplying the oxygen-containing gas to the gas feed nozzle, ~~for~~ and supporting the gas feed nozzle so that the gas feed nozzle can turn with respect to the gas supplying line.

5. (Currently Amended) A liquid phase oxidation reactor comprising:

a substantially cylindrical reaction vessel having an interior space ~~of a predetermined volume~~;

a lid combined with and closing the reaction vessel ~~on top of the reaction vessel~~;

at least one ~~or more~~ stirring ~~blades~~ blade disposed within the reaction vessel and ~~rotating~~ rotated by a driving source ~~disposed on the~~ outside of the reaction vessel;

a liquid phase supplying line ~~disposed at~~ penetrating a sidewall of the reaction vessel for supplying a liquid phase reactant to the reaction vessel;

a liquid phase discharging line ~~disposed at another~~ penetrating the sidewall of the reaction vessel for draining from the reaction vessel a product ~~obtained through~~ produced by a chemical reaction ~~out of~~ in the reaction vessel; and

a gas feed nozzle ~~formed in a bent shape~~ penetrating the sidewall of the reaction vessel and including a bend within the reaction vessel for supplying an oxygen-containing gas to the reaction vessel ~~and~~, the gas feed nozzle being fixedly ~~installed~~ mounted in the sidewall of the reaction vessel so that an outlet ~~thereof~~ of the gas feed nozzle faces ~~an interior~~ the sidewall of the reaction vessel.